

US ENVIRONMENTAL AGENCY, REGION II

PROGRESS POLLUTION REPORT

I. HEADING

Date: February 10, 1995
From: Joseph V. Cosentino, OSC *Joseph Cosentino*

To: J. Fox, EPA
W. Muszynski, EPA
K. Callahan, EPA
J. Marshall, EPA
W. Mugdan, EPA
J. McVeigh, EPA
M. Seidenberg, EPA
G. Pavlou, EPA
R. Salkie, EPA
G. Zachos, EPA
J. Witkowski, EPA
C. Fitzsimmons, EPA
K. Delaney, NJDEP
J. Smolenski, NJDEP
TAT

Subject: Bayonne Barrel and Drum. Newark,
Essex County, New Jersey

POLREP No: Nineteen (19), Progress Polrep

II. BACKGROUND

Response Authority: CERCLA
NPL Status: Non-NPL
Site Number: 9J

Action Memorandum Status: Verbal Authorization granted
on 7-14-94, action memo approved
9-2-94, ceiling increase and
change in scope approved 2-2-95

Start Date: 7-14-94

III. INCIDENT INFORMATION

See Initial Polrep

IV. REMOVAL INFORMATION

324903



A. Actions Taken

1. The primary activity, the inspection and shredding of drums from the "empty" drum piles which originally contained an estimated 40,000 to 45,000 drums, continued. Approximately, 583 drums are being inspected and shredded on a daily basis. To date, 36,363 drums have been inspected and shredded. The resultant metal is being sold to a local recycler. To date, 555 tons of scrap metal have been processed and \$49,950 generated from the sale of the scrap metal. The monies generated are being credited to the removal action.

Drums containing liquid and solid wastes are being segregated and the material collected for haz-cattng and disposal analysis. A mobile laboratory and field chemist are scheduled for mobilization during the week of February 20, 1995.

Drum deheading operations also continued. To date, seven thousand, four hundred and twenty-eight (7,428) acid pack drums have been deheaded and their poly liners removed. A subcontractor agreement to remove, clean and dispose of the poly liners is in place. A trial load of 300 poly liners had been shipped to the facility to demonstrate the subcontractor's handling and cleaning procedures. Once cleaned the liners will be used as a fuel supplement at the a steam to energy facility and certificate of distruction will be issued.

2. Final data packages from the analysis of samples submitted for waste characterization and disposal have been received and the QA/QC of the packages completed. The results indicate that the ash/soil piles are contaminated with cadmium, lead, PCBs and dioxin. The furnace courtyard is contaminated with lead in concentrations leachable above regulatory limits as defined in 40 CFR, Part 261, Subpart A, §261.24 of the Resource Conservation and Recovery Act.

All waste streams containing elevated levels of dioxin contamination will be resampled and analyzed to confirm contaminant levels. A sampling plan is presently being prepared. ATSDR is presently reviewing the initial data to evaluate the potential risk presented by the soil and ash piles.

In addition, eighteen (18) waste streams have been identified from the analysis of samples collected from the drum and tank wastes found at the site. Additional sampling and analysis will be necessary to identify liquid and solid wastes found in drums removed from the "empty" drum piles. Arrangements have been made to mobilize a field chemist and

mobile laboratory to the site. All partially full drums will be consolidated to reduce overall handling, transportation and disposal cost.

B. Next Steps

Drum shredding and deheading operations will continue.

Upon completion of drum shredding and deheading operations additional samples will be collected and analyzed to identify all remaining unknown material. Upon receipt of confirmation analysis the ash piles will be consolidated and stabilized to minimize any potential for contaminant migration.

C. KEY ISSUES

None

V. COST INFORMATION

Mitigation Contracting	\$772,200
TAT	\$42,520
Intramural	\$44,120
Total	\$858,840
Project Ceiling	\$1,700,000
Percent of funds remaining	50%